

Date: Sat, 16 Jul 94 04:30:23 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #235
To: Ham-Equip

Ham-Equip Digest Sat, 16 Jul 94 Volume 94 : Issue 235

Today's Topics:

 10 Meter Linear Wanted (2 msgs)
 Antenna safety
 Customized Cabling: Where to get?
 Looking for info on HALLICRAFTER SX-28
 Mobile dual band rig with aviation band ?
 scanning TS-450
 Solar Panels
 summary Mobile VHF:Best for VHF packet/new or used?
summary Mobile VHF rigs: Best for VHF packet/Should buy new or used? (2 msgs)
 Wanted: Kenwood 500 Hz Filter
 Why aren't there HT's for HF ? (2 msgs)

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 15 Jul 1994 15:27:02 -0400
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: 10 Meter Linear Wanted
To: ham-equip@ucsd.edu

I am looking for a 10 Meter Linear amp that someone has to sell, probably
in to 200W range, that is a Base or Mobile, i might be interested. However
i can only spend about \$150 let me know if that sounds reasonable, i have
no idea.
Jason

Date: 15 Jul 1994 20:01:08 GMT
From: news.cerf.net!gopher.sdsc.edu!nic-nac.CSU.net!charnel.ecst.csuchico.edu!
yeshua.marcam.com!zip.eecs.umich.edu!newsxfer.itd.umich.edu!europa.eng.gtefsd.com!
news.msfc.nasa.@@ihnp4.ucsd.edu
Subject: 10 Meter Linear Wanted
To: ham-equip@ucsd.edu

In article <306nu6\$r7v@search01.news.aol.com>, jwolter@aol.com (JWolter) says:
>

>I am looking for a 10 Meter Linear amp that someone has to sell, probably
>in to 200W range, that is a Base or Mobile, i might be interested. However
>i can only spend about \$150 let me know if that sounds reasonable, i have
>no idea.
>Jason

<sigh>

E-mail bomb this spam, anyone?

DON'T POST IT! Please. Even though <<snick>> the safety just came off my
flamethrower. Lesse here, wher's that address-----<grin>

--rich

Date: Fri, 15 Jul 1994 14:35:34
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!gatech!udel!
news2.sprintlink.net!news.sprintlink.net!nwnexus!olympus.net!olympus.net!
vaughnwt@network.ucsd.edu
Subject: Antenna safety
To: ham-equip@ucsd.edu

>I need to mount an antenna for a 900 MHz spread-spectrum radio link.
>The area where the antenna will reside is subject to strong winds all
>year round, so the mast or tower will have to be steady and strong.
>There's an average of one thunderstorm per day during the summer, so
>lightning protection needs to be good. The lot on which the building
>sits is 66' across, and there are high voltage power lines in the alley
>about 6' beyond the property line. The building butts right up against
>the opposite end of the property.

Check with the local building codes for grounding information. They might also
have some regs on antenna location to power lines. The safe way is to locate
the tower so that it could not hit the power lines even if it does fall.

>The antenna itself will be an omni with 9 dB of gain -- fairly expensive,

>but necessary to give it a good reach even when it's iced over.

You need to know the wind load for this antenna.

>What's the best method of mounting the antenna safely, securely, and
>high enough to work? The local Radio Shack said it had a 39' mast designed
>for TV antennas, which could be mounted on the roof using an eave or tripod
>mount. (The resulting height would be about 57' -- just about right.)
>But of course, I don't trust Radio Shack to know anything about antenna
>safety, or mounting it to resist winds. They also drew a blank when I
>asked about grounding and lightning protection.

Run away from radio shack. Call Rohn towers 309-697-4400 and ask for there
catalog. It is chock full of all the info you need.

>What do I need to know to get the antenna up (and have it stay up)? How
>can I avoid having the building burn down if lightning strikes? How can
>I protect the digital transceiver at the end of the coax? And what precautions,
>if any, need to be taken about the power lines?

>Any info, advice, comments, and pointers to literature would be much
>appreciated.

>--Brett Glass

William Vaughn vaughnwt@olympus.net "Just plain Bill."

Date: 15 Jul 1994 14:54:37 -0700
From: nntp.crl.com!crl.crl.com!not-for-mail@decwrl.dec.com
Subject: Customized Cabling: Where to get?
To: ham-equip@ucsd.edu

I need a 6ft. long piece of 50 ohm low loss (like Belden 9913) coax with
a female N connector on one end, and a male N connector on the other. I
can not build quality N connector connections by myself...

I called Pasternack in So. Cal, and they had EXACTLY what I wanted, already
built, for \$37 US. Unfortunately, they want \$100 minimum on all shipped
orders even pre-paid by credit card! I couldn't believe this policy, but
they insisted they were serious...

So my question is where can I get such a piece of cable with connectors?
I live in No. CA, and can order by phone from anywhere if anyone has any
suggestions...

Thanks

n

--

matthew rapaport Philosopher/Programmer at large KD6KVH
CIS: 70271,255 Internet: mjr@crl.com

Date: 16 Jul 1994 04:02:31 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!gatech!udel!
news2.sprintlink.net!news.sprintlink.net!indirect.com!patrick@network.ucsd.edu
Subject: Looking for info on HALLICRAFTER SX-28
To: ham-equip@ucsd.edu

matthew appler (applerm@tch13.cs.jmu.edu) wrote:
: I have a Hallicrafters, inc. Model SX-28 Super Skyriders receiver. My
: grandfather gave this to me after I passed my no-code tech exam. He tells

: I'd like to know if this is worth anything. I understand that there are
: people that collect old radio equipment and are interested in this type of
: thing. I have absolutely no idea what it is worth and may be interested in
: selling it. If you have any information, I would greatly appreciate it.

They go from 100 to 150 at swap meets - depending on condition and
whether they have the filters installed etc. I would be interested in
buying it if in good condx - that was the first piece of commercial gear
I ever owned!

73 de Pat KN7B

Date: 15 Jul 1994 13:07:49 -0700
From: agate!howland.reston.ans.net!gatech!udel!news2.sprintlink.net!
news.sprintlink.net!news.world.net!news.teleport.com!news.teleport.com!not-for-
mail@ames.arpa
Subject: Mobile dual band rig with aviation band ?
To: ham-equip@ucsd.edu

The Kenwood TH-78A receives down to 118 Mhz without modification. It's
sensitivity is less than .32microV on it's sub band and less than
.16microV on the main. In my opinion a very nice radio. Kenwood just
came out with the TH-79A which replaces the 78A. Right now they are
about \$80 more than the 78A, but they should drop once Kenwood gets rid
of all its extra 78As. The only real feature differences between the two
is the 79A is smaller, doesn't have a backlit keypad, does have an
"on-line" manual (I guess in case you bump your head and forget how to do
offsets). They both put out approximately the same amount of watts. I

would tell you more, but I can't seem to find the info I got from HRO a few days ago. If you want to know more about either one - you can email me. THIS IS ONLY MY OPINION ->I am not too impressed with what Icom has been putting out these days. I have a 2GAT and really like it - kind of disappointed that they discontinued them - oh well. Well, that's what I know about the Kenwoods. Hope it helps.

73
Max
N7NWG
--

Date: Sat, 16 Jul 1994 00:40:50 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!gatech!newsxfer.itd.umich.edu!zip.eecs.umich.edu!umn.edu!news@network.ucsd.edu
Subject: scanning TS-450
To: ham-equip@ucsd.edu

A friend has his Kenwood scanning 3 digital freqs (using Pactor, and a PK-232 MBX), on two bands. when someone connects with him, his rig stops scanning, and stays on that freq until he starts it again. Does anyone know how to make this rig continue scanning on its own?

tom medin, N0UFM
internet: tmedin@che2.che.umn.edu

Date: Fri, 15 Jul 1994 20:24:17 GMT
From: ihnp4.ucsd.edu!mvb.saic.com!news.cerf.net!usc!sdd.hp.com!hp-pcd!hpcvsnz!davidc@network.ucsd.edu
Subject: Solar Panels
To: ham-equip@ucsd.edu

I am interested in either purchasing or assembling some kind of solar panel to be part of a charging system for 12 volt gel-cell batteries.

When I was on vacation in southern California earlier this summer I noticed numerous call boxes along highway shoulders for making emergency calls. These call boxes had a small solar panel attached near the top of the pole the call box is attached to. Does anybody know what kind of current capacity these have, where they might be purchased, what cost etc.? They appear to be about the physical size I am interested in for portability etc.

Does anybody out there have any information they could share on good sources for individual solar cells or already assembled panels?

Dave Cook, KB7QCL

Date: Fri, 15 Jul 1994 19:36:23 GMT
From: news.cerf.net!gopher.sdsc.edu!news.tc.cornell.edu!
travelers.mail.cornell.edu!news.kei.com!yeshua.marcam.com!zip.eecs.umich.edu!
newsxfer.itd.umich.edu!europa.eng.gtefsd.@@ihnp4.ucsd.edu
Subject: summary Mobile VHF:Best for VHF packet/new or used?
To: ham-equip@ucsd.edu

In article <Cszs7z.E7q@serval.net.wsu.edu> kjones@spookey.eecs.wsu.edu (Kent Jones) writes:
>On July 5 I promised to post responses to the following questions on July 15.
>1) What radio do you recomend for someone interested in both mobile VHF
> communications and (non-mobile) packet radio.
> 0 responses
>2) What radio has the most "bang for the buck" ?
> 0 responses
The answers to these two depend on your personal preferences. I don't do
packet (too many computers at work).
>3) Should I buy new or used?
> 0 responses
How much money do you want to spend? Do you want the warranty, or can you
fix it yourself?
>4) What NEW VHF radios have the most "bang for the buck"?
> 0 responses
>5) What USED VHF radios have the most "bang for the buck"?
> 0 responses

This 'bang for the buck' phrase is somewhat ambiguous. Do you want output
power, memories, 9600 baud packet, small size, built in duplexer or two
output tails?

There are so many new and used rigs around, but not many used ones for sale,
so ask some local hams who have experience doing what you want to do.
I have an Alinco DR570 in the car, an Icom IC24AT HT that I can hook up at
home and an old Kenwood TS-700 multi-mode 2m at home. I like 'em all, but
I wish I had more memories in the Alinco (it has 10 per band) and the
Kenwood did repeater offsets on the 145 band, but the 24AT'll do inna pinch.
Galen, KF0YJ

Date: Fri, 15 Jul 1994 21:30:38 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!gatech!kd4nc!ke4zv!
gary@network.ucsd.edu
Subject: summary Mobile VHF rigs: Best for VHF packet/Should buy new or used?

To: ham-equip@ucsd.edu

In article <Cszs7z.E7q@serval.net.wsu.edu> kjones@spookey.eecs.wsu.edu (Kent Jones) writes:

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>Judging from the number of responses I guess there is not much interest
>in this topic. Humbly I return to lurking to glean tidbits of info
>here and there.

>
> 0 responses
>
> 0 responses
>
> 0 responses
>
> 0 responses
>
> 0 responses

I'm not surprised, Kent. I Emailed you a long letter, but of course it bounced. I tried several address variations, they all bounced too. Give us a *good* reply address, and you'll get more response.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

Date: Fri, 15 Jul 1994 19:26:11 GMT

From: news.cerf.net!gopher.sdsc.edu!nic-nac.CSU.net!charnel.ecst.csuchico.edu!
yeshua.marcam.com!zip.eecs.umich.edu!newsxfer.itd.umich.edu!jobone!ukma!

rsg1.er.usgs.gov!dgg.cr.@ihnp4.ucsd.edu

Subject: summary Mobile VHF rigs: Best for VHF packet/Should buy new or used?

To: ham-equip@ucsd.edu

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|> Judging from the number of responses I guess there is not much interest
|> in this topic. Humbly I return to lurking to glean tidbits of info
|> here and there.
|>
|> 0 responses

Many of us tried, but your posting contained a return mail address which is invalid. Try mailing yourself something from another site. I notice that spookey.eecs.wsu.edu is not a registered internet node. You either need to have your machine registered or find some way to post with your internet address.

I wish others would check this as well. About 10% of the time I try to respond to postings they bounce back due to unregistered internet names even though we utilize domain name services off the internet.

--
++++
+ Tom Bodoh - Section Manager, Systems Engineering and Management, Hughes STX +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dggs.cr.usgs.gov (152.61.192.66) Amateur radio call; N0YGT +
+ "Welcome back my friends to the show that never ends!" EL&P
+
++++

Date: 15 Jul 1994 16:33:05 GMT
From: iris.mbvlab.wpafb.af.mil!edfue0!engberg@uunet.uu.net
Subject: Wanted: Kenwood 500 Hz Filter
To: ham-equip@ucsd.edu

I am in need of a cw filter for a TS930S. Either 1st or 2nd IF is fine.

--

Bob Engberg
phone: 907-552-2062
e-mail: engberg@ctis.af.mil
packet: K0MVL@KL7AA.#NAK.AK.USA.NOAM
snail: SAIC
911 W. 8th Ave., Suite 401
Anchorage, AK 99501

Date: 15 Jul 1994 11:02:03 -0400
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: Why aren't there HT's for HF ?
To: ham-equip@ucsd.edu

In article <RZBHPc1w165w@w2up.wells.com>, barry@w2up.wells.com (Barry Kutner) writes:

>Also it's tough to find a rotor to fit!

You don't need a rotor. A pirouette should work just fine.

Danny AE9F/6

Date: 15 Jul 94 15:02:29 GMT
From: news.cerf.net!gopher.sdsc.edu!news.tc.cornell.edu!
travelers.mail.cornell.edu!news.kei.com!yeshua.marcam.com!zip.eecs.umich.edu!
newsxfer.itd.umich.edu!newsrelay.iastate.edu@ihnp4.ucsd.edu
Subject: Why aren't there HT's for HF ?
To: ham-equip@ucsd.edu

In <Csy6y0.23G@synoptics.com> dbashaw@synoptics.com (David Bashaw) writes:

>I'm pretty sure I saw ads in 73 and or QST for a 40M HT. It looked rather
>tank-like though. What would 40M performance be like with a duck antenna?

>Dave Bashaw
>wa6qwl

In Arizona at a hamfest several years ago, a guy had been working at the handheld division of Motorola and made a 40M rubber duck just to try it. The antenna was about 10" long, 1.5 " diameter at the top which tapered to a male UHF connector. He said that the performance was fair to poor, and that a dipole would have been much better.

On the other hand, K0CQ here in Ames designed the Rush Radio that picks up Limbaugh's shortwave broadcasts on 19M. The antenna is an active loop that is tuned to the one specific frequency, and yet only occupies the back side of a standard-sized AM radio. K0CQ does say, however, that the bandwidth on the antenna is very narrow, and that 25 khz off the center frequency gives lousy results.

Look at it this way: it is possible to make a short antenna, but expect to make tradeoffs, either in performance or bandwidth.

Paul NORWW

--
Paul E Doi
pauldoi@iastate.edu

End of Ham-Equip Digest V94 #235
